

PO BOX 16884

INC

Ship To: CPU RYDER  
 4750 W MARSHALL AVE  
 LONGVIEW, TX 75604 US

Customer PO	4500549127	Sales Order #	11058786 - 5.2
Product Group	Hot Roll - Merchant Bar Quality	Product #	3008130
Grade	Nucor Multigrade	Lot #	110004491061
Size	8" x 13.75#	Heat #	1100044910
BOL #	BOL-1424582	Load #	1332731
Description	Hot Roll - Merchant Bar Quality Structural Channel 8" x 13.75# Nucor Multigrade 40' 0" [480"] 6001-10000 lbs	Customer Part #	258137540
Production Date	03/09/2023	Qty Shipped LBS	8800
Product Country Of Origin	United States	Qty Shipped EA	16
Original Item Description		Original Item Number	

I hereby certify that the material described herein has been manufactured in accordance with the specifications and standards listed above and that it satisfies those requirements.

Melting Date: 03/07/2023

Melt Country of Origin : United States

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Nb (%)
0.12	0.85	0.011	0.028	0.204	0.11	0.16	0.04	0.23	0.001	0.035	0.002
Sn (%)											
0.009											

ASTM A529 S78.2 CE (%) : 0.37

**Tensile testing**

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	57100	72800	20.0
(2)	56900	73800	22.0

**Comments:**

NUCOR MULTIGRADE MEETS THE REQUIREMENTS OF: ASTM A36/A36M-14; A529/529M-05(2009) GR50(345); A572/572M-07 GR50(345); A709/709M-10 GR36(250) & GR50(345); CSA G40.21-04 GR44W(300W)& GR50W(350W); AASHTO M270/M270M-10 GR36(270) & GR50(345); ASME SA36/SA36M-07; MEETS REPORTING REQUIREMENTS OF EN10204 SEC 3.1

- All manufacturing processes of the steel, including melting, casting & hot rolling, have been performed in U.S.A
- Mercury not intentionally added at any point during manufacturing or testing of this material.
- Welding or weld repair was not performed on this material.
- This material conforms to the specifications described on this document and may not be reproduced, except in full, without written approval of Nucor Corporation.
- Results reported ASTM E45 (Inclusion content) and ASTM E381 (Macro-etch) are provided as interpretation of ASTM procedures.

Ada Ortega, Quality Assurance